

Resolved on: 02/18/87  
 By: K. Peterson Inspector C P  
 These code violations have not been corrected. Please follow with legal action.  
 Citation No. \_\_\_\_\_  
 Court Date \_\_\_\_\_  
 File Resolved on \_\_\_\_\_  
 By \_\_\_\_\_  
 Company Officer \_\_\_\_\_ Date \_\_\_\_\_  
 Inspector \_\_\_\_\_

**RESOLVED**  
**HOLD IN INACTIVE FILE**

READY FOR FILING  
 READY FOR FILING

COMPANY REINSP.

1515 W. Garfield St.  
 Pacific Northern Oil  
 20-335:171-9(382-9777)

September 30, 1987

F.M.O. REINSP.

RCRA PERMIT  
 ADMINISTRATIVE RECORD  
 ITEM NUMBER \_\_\_\_\_  
 TOTAL NUMBER OF PAGES \_\_\_\_\_

Owner

OCT 26 1987

FILE COPY

Mr. George Markwood  
 North Tower  
 100 W. Harrison, Suite 200  
 Seattle, WA 98119

Dear Sir(s):

A fire inspection of the above-named premises disclosed violations of City Ordinance which must be corrected as follows:

1. Remove the unacceptable levels of oil located in the following areas: (SFC Sec. 79.111)
- a. In the back pump house, building 127.
  - b. In the pipe alleys South of the main pump house.

Fire safety indicates these items must be corrected as soon as possible.

Very truly yours,

CLAUDE HARRIS,  
 Chief of Fire Department

By  
 B.L. Hansen,  
 Fire Marshal

BLH:sr

cc: Joe Stutz-Manager  
 Piers 90 & 91  
 PO Box 1209  
 Seattle, WA 98111



A Fire Safety Inspector will re-check these items for completion in approximately 15 days. If you have questions call 625-4077

Resolved on: 10/21/87 Citation No. \_\_\_\_\_  
By: R. Peterson 27003 These code violations have not been Court Date: \_\_\_\_\_  
Inspector C P O corrected. Please follow with legal action. File Resolved on: \_\_\_\_\_  
NUMBER OF REINSPECTIONS 1 By \_\_\_\_\_ Inspector \_\_\_\_\_  
**RESOLVED**  
**HOLD IN INACTIVE FILE**

COMPANY  
REINSP.

1515 W. Garfield St.  
Chemical Processors  
20-336:171-8(284-2450)

September 30, 1987

F.M.O.  
REINSP.

MATEWS  
Nate Andrews  
Chemical Processors  
5501 Airport Way S.  
Seattle, WA 98108

Emergency Coord

OCT 26 1987

Dear Mr. Andrews:

A fire inspection of the above-named premises disclosed violations of City Ordinance which must be corrected as follows:

- OK 1. Remove the unacceptable levels of oil located in the following areas:
- oil a. In the pipe alleys North of main pump house.  
oil b. The main pump house. (SFC Sec. 79.111)
- OK 2. Install approved covers on the open electrical service panel(s) or junction box(es) as follows:
- The cover for the heater in the operations North wall area. (National Electric Code 370-15)
- OK 3. Discontinue the practice of storing flammable liquids in unsuitable containers as follows:
- The Class I Flammable containers in the operations area.
- Containers for Class I and Class II flammable liquids in excess of one quart capacity must be approved for the storage of flammable liquids. (SFC 79.104)

Fire safety indicates these items must be corrected as soon as possible.

Very truly yours,

CLAUDE HARRIS,  
Chief of Fire Department

B.L. Hansen, Fire Marshal  
BLH:sr

A Fire Safety Inspector will re-check these items for completion in approximately 15 days. If you have questions call 625-4077



SOUND TESTING, INC.  
P.O. BOX 16204 SEATTLE, WA 98116  
(206) 932-0206

# MARINE CHEMIST CERTIFICATE

SERIAL NO.

Survey Requested by NWES Vessel Owner or Agent PORT OF SEATTLE Date FEBRUARY 5, 1990  
Vessel BOILER DIESEL SERVICE TANK Type of Vessel STEEL CYLINDRICAL UNDERGROUND Specific Location of Vessel N END BLDG 38  
Last Three (3) Cargoes DIESEL Test Method O<sub>2</sub>, LEL, VISUAL Time Survey Completed 9:05 AM

THIS SMALL DIESEL UNDERGROUND SERVICE TANK IS INERTED WITH CARBON DIOXIDE AND IS SAFE FOR HOTWORK.

In the event of any physical or atmospheric changes adversely affecting the gas-free condition of the above spaces, or if in any doubt, immediately stop all work and contact the undersigned Marine Chemist.

**QUALIFICATIONS:** Transfer of ballast or manipulation of valves or closure equipment tending to alter conditions in pipe lines, tanks or compartments subject to gas accumulation, unless specifically approved in this Certificate, requires inspection and endorsement or reissue of Certificate for the spaces so affected. All lines, vents, heating coils, valves, and similarly enclosed appurtenances shall be considered "not safe" unless otherwise specifically designated.

## STANDARD SAFETY DESIGNATIONS

**SAFE FOR WORKERS** Means that in the compartment or space so designated (a) the oxygen content of the atmosphere is at least 19.5 percent by volume, and that, (b) toxic materials in the atmosphere are within permissible concentrations, and that, (c) the residues are not capable of producing toxic materials under existing atmospheric conditions while maintained as directed on the Marine Chemist's Certificate.

**NOT SAFE FOR WORKERS** Means that in the compartment or space so designated, the requirements of Safe for Workers has not been met.

**SAFE FOR HOT WORK:** Means that in the compartment so designated: (a) oxygen content of the atmosphere is at least 19.5 percent by volume, with the exception of inerted spaces or where external hot work is to be performed; and that, (b) the concentration of flammable materials in the atmosphere is below 10 percent of the lower flammable limit; and that, (c) the residues are not capable of producing a higher concentration than permitted by (b) above under existing atmospheric conditions in the presence of fire, and while maintained as directed on the Marine Chemist's Certificate; and further, that, (d) all adjacent spaces have been cleaned sufficiently to prevent the spread of fire, or are satisfactorily inerted, or, in the case of fuel tanks, or lube oil tanks, or engine room or fire room bilges, have been treated in accordance with the Marine Chemist's requirements.

**NOT SAFE FOR HOT WORK** Means that in the compartment so designated, the requirements of Safe for Hot Work have not been met.

**SAFE FOR REPAIR YARD ENTRY** Means that the compartments and spaces of the flammable cryogenic liquid carrier so designated (a) have been tested by sampling at remote sampling stations, and results indicate the atmosphere tested to be above 19.5 percent oxygen, and less than 10 percent of the lower flammable limit, or (b) are inerted.

**CHEMIST'S ENDORSEMENT** This is to certify that I have personally determined that all spaces in the foregoing list are in accordance with NFPA 306-1980 Control of Gas Hazards on Vessels and have found the condition of each to be in accordance with its assigned designation.

"The undersigned acknowledges receipt of this Certificate under Section 2.3 of NFPA 306 1980 and understands conditions and limitations under which it was issued."

This Certificate is based on conditions existing at the time the inspection herein set forth was completed and is issued subject to compliance with all qualifications and instructions.

Signed \_\_\_\_\_ Name \_\_\_\_\_ Company \_\_\_\_\_ Date 2/5/90 Signed Don Sly Certificate No. 598

VESSEL POSTING

MAY 02 1989

APPLICATION FOR PERMIT



Permit Code No.: 801 Title: Hazardous Storage

Fee: \$ 105.00 Code Reference: \_\_\_\_\_

Firm Name: Chemical Processors, Inc Phone: 223-0500

Mailing Address: 2203 Airport Way S. Zip: 98134

Operation Address: Pier 91 Facility, 2001 W. Garfield St.

Susan B. Donahue  
Applicant Signature

Environmental Programs Manager  
Title 5/6/89

Make Checks Payable To: SEATTLE CITY TREASURER

Return Application & Checks To:  
SEATTLE FIRE DEPARTMENT HEADQUARTERS  
301 Second Avenue South  
Seattle, WA 98104

TYPE OF MATERIAL	AMOUNT	LOCATION
Oxidizer	SEE ATTACHED	SEE ATTACHED PLANS

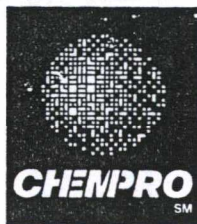
Please Refer to Attached Plans for  
modified peroxide storage



A Burlington  
Environmental Inc.  
Company

SUSAN DONAHUE  
Environmental Programs Manager

CHEMICAL PROCESSORS, INC.  
Park 90/5, Suite 400  
2203 Airport Way South  
Seattle, WA 98134  
(206) 223-0500 • FAX: (206) 223-7791



A Burlington  
Environmental Inc.  
Company

MORRIS D. AZOSE  
Process Engineer

CHEMICAL PROCESSORS, INC.  
Park 90/5, Suite 400  
2203 Airport Way South  
Seattle, WA 98134  
(206) 223-0500 • FAX: (206) 223-7791

FIRI

APP

NEW

F.M.O. USE:

FEE REC.# 140447  
EXP. DATE 6/90  
W/EXISTING PERMITS

APPROVED:  
Inspector: \_\_\_\_\_

Date: \_\_\_\_\_

Permit No.: \_\_\_\_\_



EXISTING PERMIT 3/2/89

1989



PERMIT

SEATTLE FIRE DEPARTMENT

Serial No. 117828

301 SECOND AVENUE SOUTH  
SEATTLE, WASHINGTON 98104

20-171=6

Permit No. 46717 Code 801 Fee Receipt No. 104521 Date 12-3-84

Chemical Processors Inc. (284-2450)  
5501 Airport Way S  
Seattle, WA 98108

For: 2001 W Garfield St.  
Pier 91  
Building 19

Permission is hereby granted under the provisions of the Fire Code (Ord. 108678) to store and use hazardous materials. Permit to include 10-500 lb containers of Hydrogen Peroxide solution stored in the detached metal shed located against the N.E. wall of the middle tank farm. Twenty 55-gallon drums of corrosives to be stored in the warehouse. Ten drums of Oxidizers to be stored in the Warehouse and to be kept 15 feet from corrosives and combustible materials.

This permit expires 12-1-85 . An application for Renewal will be mailed to you before the Expiration Date. If the permit is to be renewed the application must be returned within 30 days after expiration. After that date, only a new permit will be issued. New permit fees are generally double renewal fees.

THIS PERMIT MUST BE POSTED IN A CONSPICUOUS PLACE ON THE PREMISES  
NOT TRANSFERABLE

PREVENT FIRES - - SAVE LIVES

Robert J. [Signature]  
Chief of Fire Department

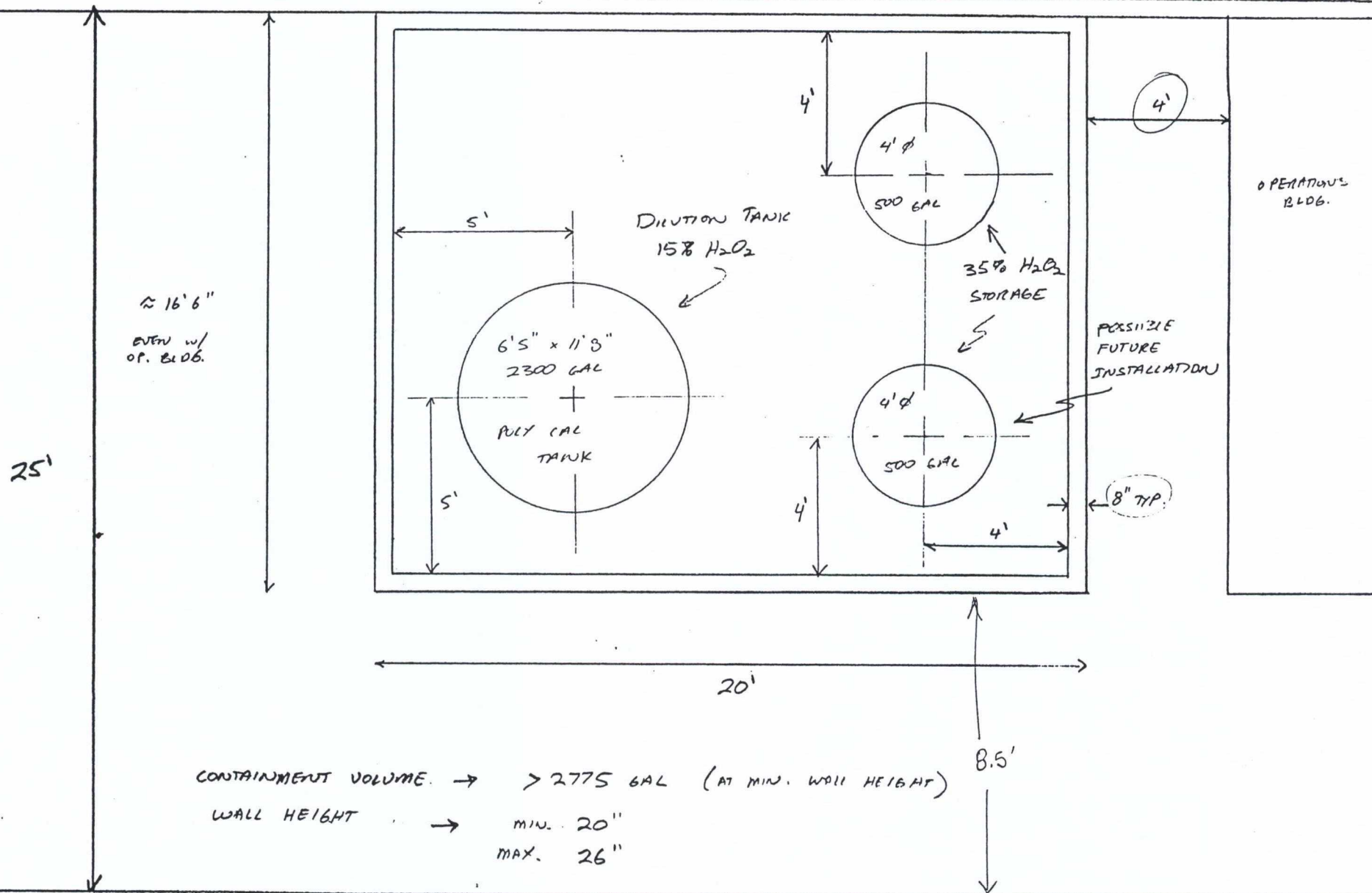
©:

5/2/89

CHEMPRO  
PIER 91 FACILITY

# CONTAINMENT LAYOUT

NEW PEROXIDE STORAGE



WAREHOUSE

SCALE - 1/4" = 1'

SEATTLE FIRE DEPARTMENT  
TEMPORARY UNDERGROUND FUEL TANK REMOVAL PERMIT

RECEIPT## 125000

6/15/87  
DATE RECEIVED

6/22/87  
DATE ISSUED

PERMIT CODE: 799 T CODE REFERENCE: 79.113 FEE: \$30.00

Firm Name: MERIDIAN EXCAVATING Phone: 364-4750

Firm Address: 911 N. 141ST SEATTLE

Job Site: PIER 91 M-71 BUILDING

Person in Charge JOHN KAMACHO Phone: 364-4750

- CONDITIONS:**
1. TANKS MAY BE REMOVED ONLY AFTER FIRE DEPARTMENT INSPECTION.
  2. Two (2) 20 BC portable fire extinguishers are to be on site within 50' of the operation.
  3. Rope or ribbon barricades must be provided circling 10' from the operation or be enclosed in a fenced yard.
  4. "No Smoking" signs must be posted in readily visible locations.
  5. No hot works allowed unless the tanks are certified gas free. A separate Fire Department permit (Code 491) is required for cutting and welding operations.

- PROCEDURES:**
1. Call 625-4077, 24 hours prior to removal to arrange for an appointment.
  2. Additional fees will be charged if inspectors are required to work other than normal business hours. (Normal Business Hours are 7:30 A.M. to 4:30 P.M.)
  3. Tank to be completely empty of all flammable or combustible liquids prior to removal.
  4. To ensure that the tank atmosphere has been inerted, one (1) pound of dry ice (Carbon dioxide) per 50 gallon capacity of the tank must be inserted in the tank. (A 1000 gallon tank would require 20 pounds of dry ice.) This should be done prior to the use of heavy equipment for excavating.
    - a. Wait a minimum of 60 minutes for dry ice to vaporize. Vapors should begin to show at the fill pipe at this time.
    - b. A Fire Marshal's Office Inspector will test with a Carbon dioxide tester. When a reading of 60% CO<sub>2</sub> is achieved, tank removal may begin.
    - c. CO<sub>2</sub> fire extinguishers or compressed gas are not to be used for inerting purposes. This produces static electricity which may result in an explosion.



data entry  
# 15555

SEATTLE FIRE DEPARTMENT

TEMPORARY UNDERGROUND STORAGE TANK REMOVAL/ABANDONMENT PERMIT

RECEIPT# 145737 12/4/89 12/27/89  
DATE RECEIVED DATE ISSUED

PERMIT CODE: 799 T CODE REFERENCE: 79.113 FEE: \$30.00

Firm Name: Meridian Excav. & Wrec. Phone: 364-4750

Firm Address: 911 N 141<sup>ST</sup> Seattle, Wa. 98133

Job Site: Terminal 91 (between Cold Storage Warehouse W-39 & W390

Person in Charge Chris Swcazey Phone: 364-4750

Number/size of tanks: 1-672 gal

Product last contained: Diesel

Type of rinse: \_\_\_\_\_

CONDITIONS:

1. TANKS MAY BE REMOVED ONLY AFTER FIRE DEPARTMENT INSPECTION.
2. Two (2) 20 BC portable fire extinguishers are to be on site within 50' of the operation.
3. Rope or ribbon barricades must be provided circling 10' from the operation or be enclosed in a fenced yard.
4. "No Smoking" signs must be posted in readily visible locations.
5. No hot works allowed unless the tanks are certified gas free. A separate Fire Department permit (Code 491) is required for cutting and welding operations.

PROCEDURES:

1. Call 386-1450, 24 hours prior to removal to arrange for an appointment.  
Appointments must be confirmed by an Inspector.
2. Permits may cover multiple tanks located at a single inspection area. If additional tanks are to be removed at later dates, separate permits shall be obtained.
3. Additional fees will be charged if inspectors are required to work other than normal business hours. (Normal business hours are 7:30 a.m. to 4:30 p.m.)
4. To ensure tanks are completely free of all flammable or combustible liquids, a receipt or certificate must be on site indicating the tank has been pumped and rinsed with an approved material. Product and rinse water must be disposed of in an approved manner.



SEATTLE FIRE DEPARTMENT

TEMPORARY UNDERGROUND STORAGE TANK REMOVAL/ABANDONMENT PERMIT

RECEIPT# 146865  
Data Entry # 14686

RECEIVED  
PERMIT OFFICE

FEB 01 1990

DATE RECEIVED

DATE ISSUED

PERMIT CODE: 799 T

CODE REFERENCE: 79.113

FEE: <sup>60.00</sup>  
~~30.00~~

Firm Name: MAYER CONSTRUCTION CO., INC.

Phone: (206) 878-4797

Firm Address: P.O. BOX 98280 DES MOINES, WA 98198

Job Site: TERMINAL #91, 2001 W. GARFIELD ST., SEATTLE, WA 98119

Person in Charge PAUL A. MAYER

Phone: (206) 878-4797

Number/size of tanks: ONE(1) 672 GALLAONS

Product last contained: DEISEL

Type of rinse: HIGH PRESSURE SOAPY WATER RINSE

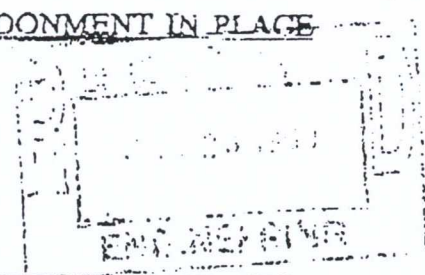
CONDITIONS:

1. TANKS MAY BE REMOVED ONLY AFTER FIRE DEPARTMENT INSPECTION.
2. Two (2) 20 BC portable fire extinguishers are to be on site within 50' of the operation.
3. Rope or ribbon barricades must be provided circling 10' from the operation or be enclosed in a fenced yard.
4. "No Smoking" signs must be posted in readily visible locations.
5. No hot works allowed unless the tanks are certified gas free. A separate Fire Department permit (Code 491) is required for cutting and welding operations.

PROCEDURES:

1. Call 386-1450, 24 hours prior to removal to arrange for an appointment.  
Appointments must be confirmed by an Inspector.
2. Permits may cover multiple tanks located at a single inspection area. If additional tanks are to be removed at later dates, separate permits shall be obtained.
3. Additional fees will be charged if inspectors are required to work other than normal business hours. (Normal business hours are 7:30 a.m. to 4:30 p.m.)
4. To ensure tanks are completely free of all flammable or combustible liquids, a receipt or certificate must be on site indicating the tank has been pumped and rinsed with an approved material. Product and rinse water must be disposed of in an approved manner.

REQUEST FOR UNDERGROUND TANK ABANDONMENT IN PLACE



DATE: January 19, 1990

CONTRACTORS NAME: Port of Seattle

NAME OF PERSON IN CHARGE: George Blomberg

LOCATION OF UNDERGROUND STORAGE TANK(S):

2001 West Garfield Street / Terminal 91 / 1 UST @ 675 gallons

REASON FOR REQUEST:

The tank is located at the northwest corner of chill cargo storage transit shed  
T-38. A refrigeration machinery was installed at building T-38 and the system  
Cooling tower was placed directly over the diesel tank. Removal of the tank would  
require shutdown of the refrigeration system and removal of the cooling tower.

RECOMMENDATION: Approval for 'in place' abandonment.

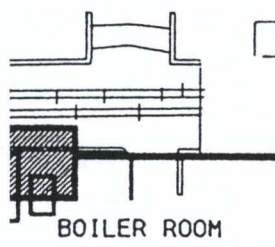
INSPECTOR T.A. Nigrello FMO/Compl.

APPROVAL/DENIAL:

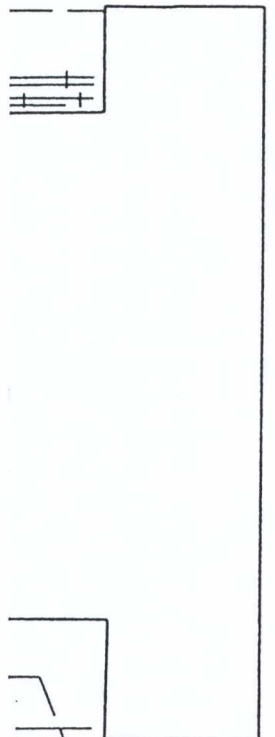
[Signature]  
FIRE MARSHAL

1-19-90





**T-911**  
**672 GALLON**  
**DIESEL TANK**



*.314*  
*672 x .134 = 90.04*  
*90.04 cu' ÷ 27 = 3.33 yds*  
*cu Feet = 1902*

LAKE JACOBS

C-172

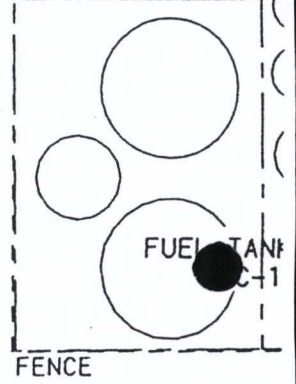
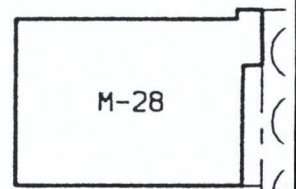
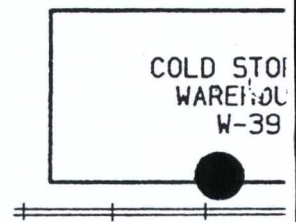


INTERTIDAL MITIGATION AREA

FENCE

GUARDHOUSE

WEST GARFIELD ST. (V)



FENCE

2001 W. Garfield St.  
Pier 91

PHONE CONTACT REPORT

IDEA  
CANNED

PERSON CONTACTED: SUSAN DONAHUE  
AFFILIATION: CHEMICAL PROCESSORS, INC.  
CONTACTED BY: LYNNE KILPATRICK-HOWARD  
DATE: 9-1-89 TIME: 8:30  
PHONE: 223-0500 LOCATION: \_\_\_\_\_  
SUBJECT: HYDROGEN PEROXIDE TANK STORAGE & CONSTRUCTION

Susan Donahue stated that the project is currently on hold and requested that we discontinue our review of the plans until we get some word from them that the project is going to continue.

They may end up changing the plans etc.

Susan Donahue can be contacted for further information or an update on the status of the construction

FURTHER ACTION: Wait for go ahead from ChemPro.



Your  
Seattle  
Fire Department

MEMORANDUM



Date: July 19, 1989

TO: See List Below

FROM: Chief B. L. Hansen, Fire Marshal

SUBJECT: PROCESSING OF PLAN REVIEW PERMITS

Effective immediately, hazardous materials permits which require a plan review for the installation of equipment shall be processed as follows:

1. The Engineering Plan Review Section shall be responsible for review of plans to assure the installation meets code requirements.

EXAMPLES: Oxygen-Bulk; Flammable Liquid Bulk Tanks;  
LPG Filling Plant

2. The Engineering Inspection section shall perform the necessary inspections to assure the installation is completed in accordance with approved plans.
3. The Compliance Section, in cooperation with Engineering, shall develop the necessary conditions for issuance of hazardous materials permits, and issue any permits required.

BLH:GMD:dp

cc: Captain R. L. Davis  
Captain D. W. Rogers  
John Haigh

INSP. Freeman

INSP. Brennan

Lt. VanTrojen

PLAN REVIEW COMMENTS:

RUSS: THIS A NEW PEROXIDE STORAGE  
TANK (ABOVEGROUND) THAT CHEMPRO WISHES  
TO INSTALL AT THEIR PIER 51 FACILITY.  
JORDAN KNOWS SOMETHING ABOUT IT. I  
BELIEVE DCLU IS INVOLVED LT. VANTROJEN



UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. WAD980982706	Manifest Document No. 05671	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.	
3. Generator's Name and Mailing Address Port of Seattle-Terminal 31 2001 W. Garfield Street P.O. Box 1209, Seattle, WA 98119			A. State Manifest Document Number			
4. Generator's Phone (206) 728-3194			B. State Generator's ID			
5. Transporter 1 Company Name Northwest EnviroService, Inc.			6. US EPA ID Number WAD058367152		C. State Transporter's ID	
7. Transporter 2 Company Name			8. US EPA ID Number		D. Transporter's Phone (206) 622-1090	
9. Designated Facility Name and Site Address Northwest EnviroService, Inc. 1500 Airport Way South Seattle, WA 98134			10. US EPA ID Number WAD058367152		E. State Transporter's ID	
					F. Transporter's Phone	
					G. State Facility's ID	
					H. Facility's Phone (206) 622-1090	
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)			12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. <input type="checkbox"/> HM RC Waste flammable liquid, n.o.s. Flammable liquid, UN1993. (D001)			1	TT	700	G D001
b.						
c.						
d.						
J. Additional Descriptions for Materials Listed Above a) WPO 19433 - Petroleum distillates IT-91-N - 120-B			K. Handling Codes for Wastes Listed Above			
15. Special Handling Instructions and Additional Information Tank # 91-N, 91-I, 91-F, 91-D, WPO 19433-19436						
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.  If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.						
Printed/Typed Name D. A. N. H. H. H.			Signature D. A. N. H. H. H.		Month Day Year 2 28 91	
17. Transporter 1 Acknowledgement of Receipt of Materials						
Printed/Typed Name D. A. N. H. H. H.			Signature D. A. N. H. H. H.		Month Day Year 04 28 89	
18. Transporter 2 Acknowledgement of Receipt of Materials						
Printed/Typed Name			Signature		Month Day Year	
19. Discrepancy Indication Space						
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.						
Printed/Typed Name			Signature		Month Day Year	



FRIDAY, 4-28-89  
JOB # ~~8760.03~~  
TRUCK #16

BE ONSITE AT 7:00 A.M.

TERMINAL #18, CORNER OF SW FLORIDA & 11TH AVENUE SW, PUMP OUT  
TANK #18-AA, ~250 GALLONS, (OIL, WATER), WPQ-19428. GO BACK TO  
NWES TO DUMP & RINSE OUT, DONE FOR THIS DAY WITH THIS TRUCK #16.

FRIDAY, 4-28-89  
JOB # ~~8760.04~~  
TRUCK #24

BE ONSITE AT 7:00 A.M.

TERMINAL # 46, 401 ALASKAN WAY SOUTH, PUMP OUT TANK #46-C, ~275  
GALLONS, (ACETONE, MEK, MIBK, WATER, GAS), WPQ-19432, HAZARDOUS. GO  
BACK TO NWES TO DUMP & RINSE OUT. PROCEED BACK OUT TO TERMINAL  
#91, 2001 W. GARFIELD STREET TO PUMP INTO ONE LOAD TANK #91-D,  
91-F, 91-I, AND 91-N. ~2,500 GALLONS TOTAL, (PETROLEUM  
DISTILLATES), WPQ-19436, 19435, 19434, 19433. GO BACK TO NWES TO  
DUMP & RINSE. DONE FOR THIS DAY AND PROJECT IS COMPLETE.

D, F

N = ~~Sky~~ Ice

I = Bldg 38